

FIG. 1A

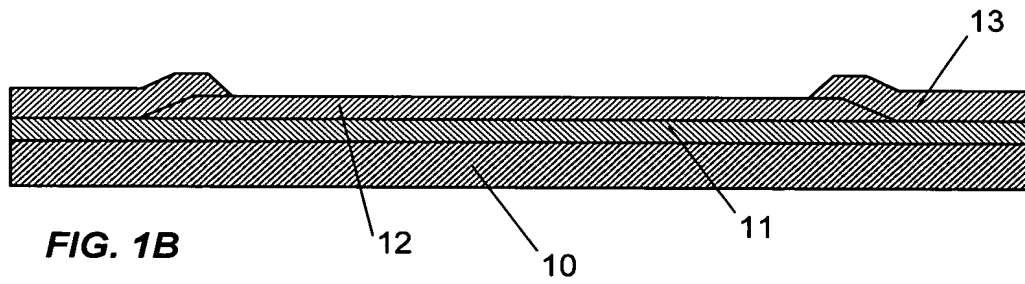


FIG. 1B

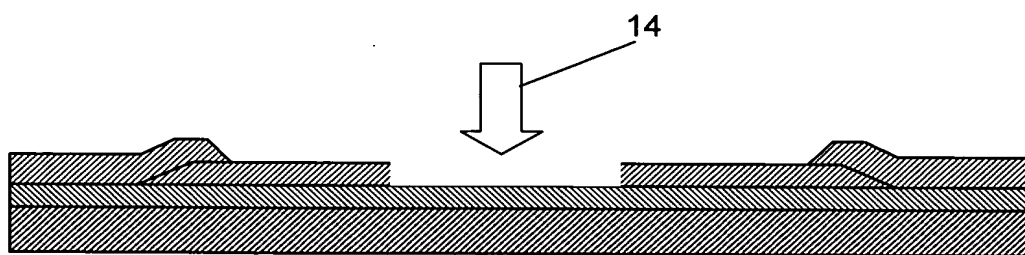
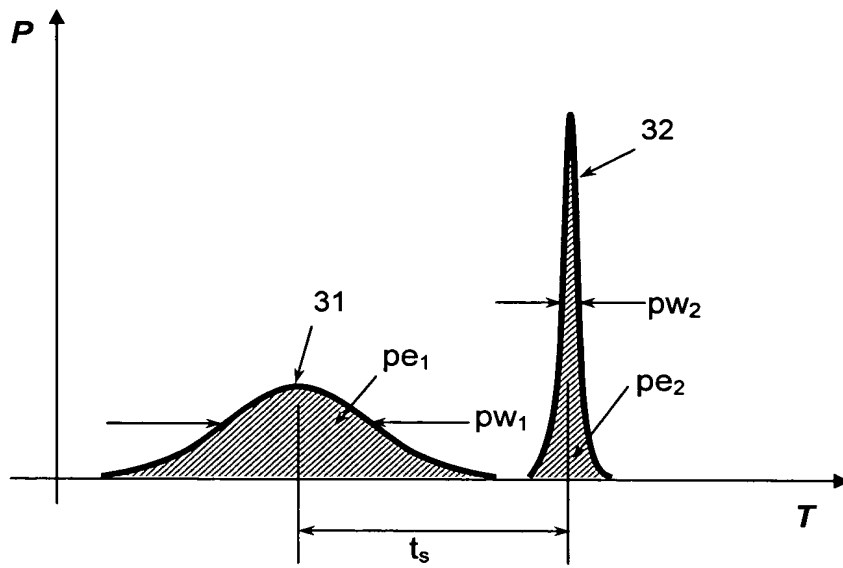
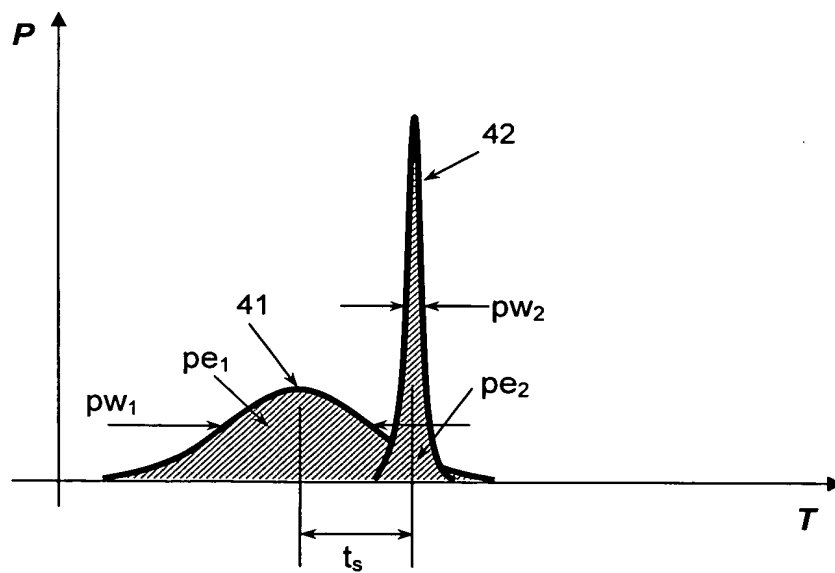


FIG. 1C

**FIG. 2A****FIG. 2B**

Ablation of copper by a single pulse of pulse duration 300 ps

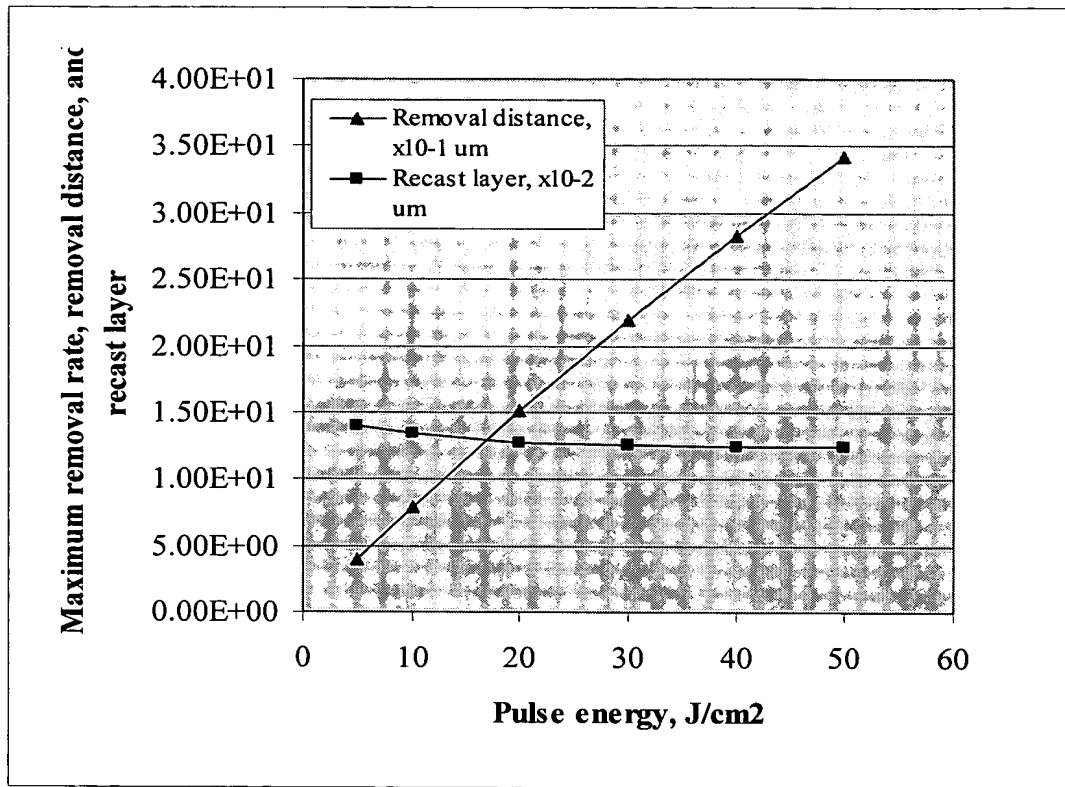


FIG. 3

Ablated copper as a function of pulse energy of pulse 1 in FIG. 2A.

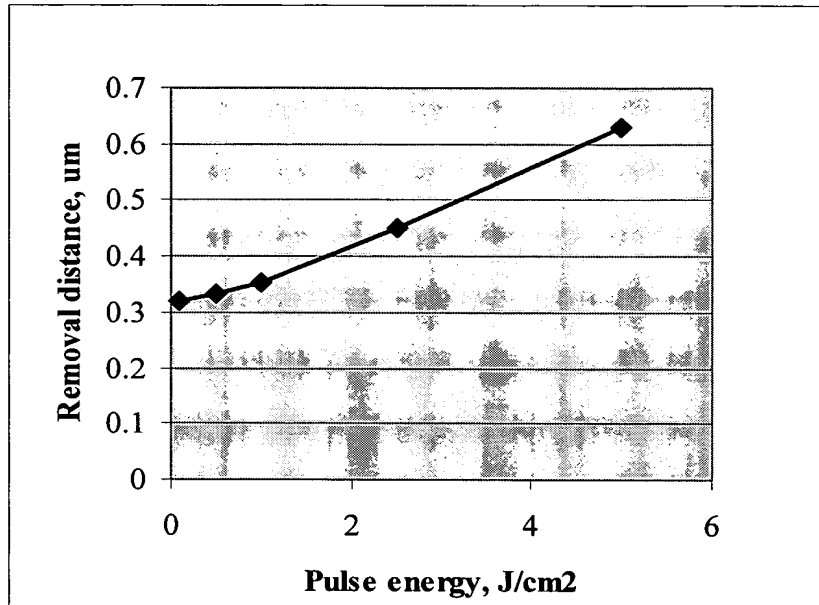


FIG. 4

Ablated materials and recast layer as a function of separation distance of two pulses in FIG. 2A.

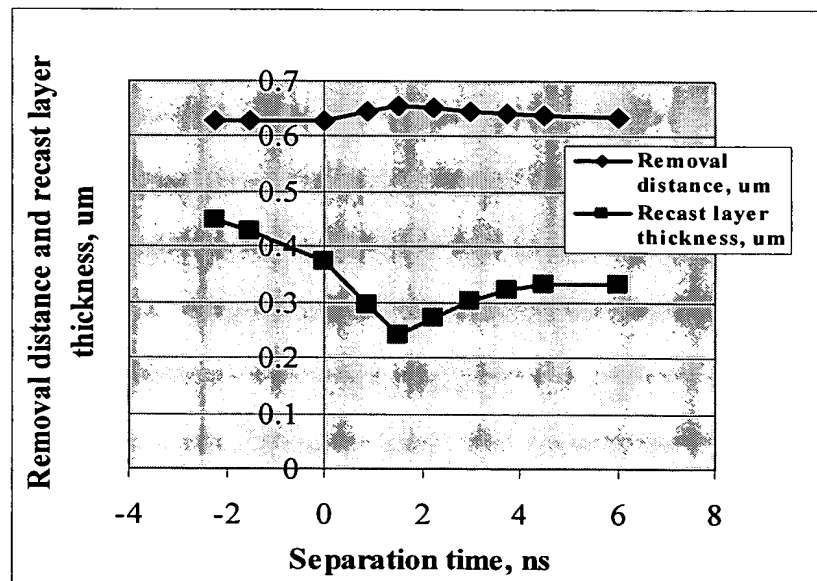
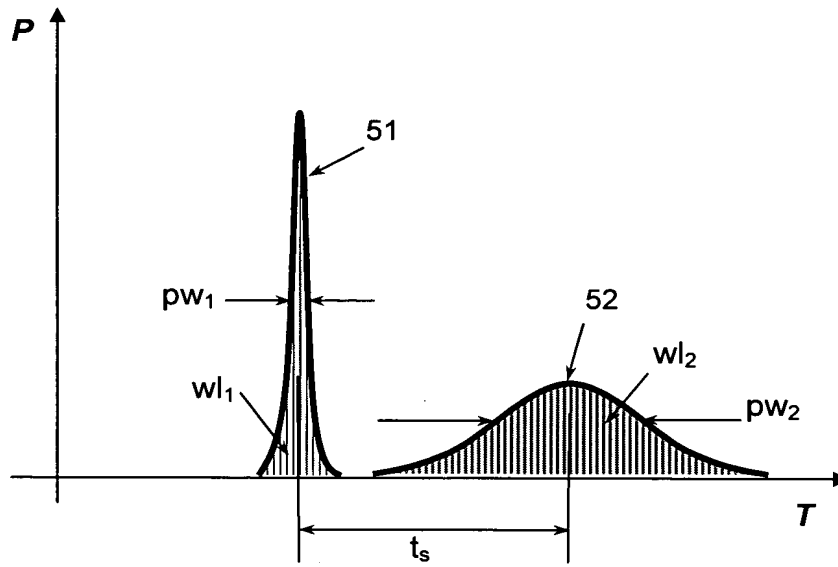
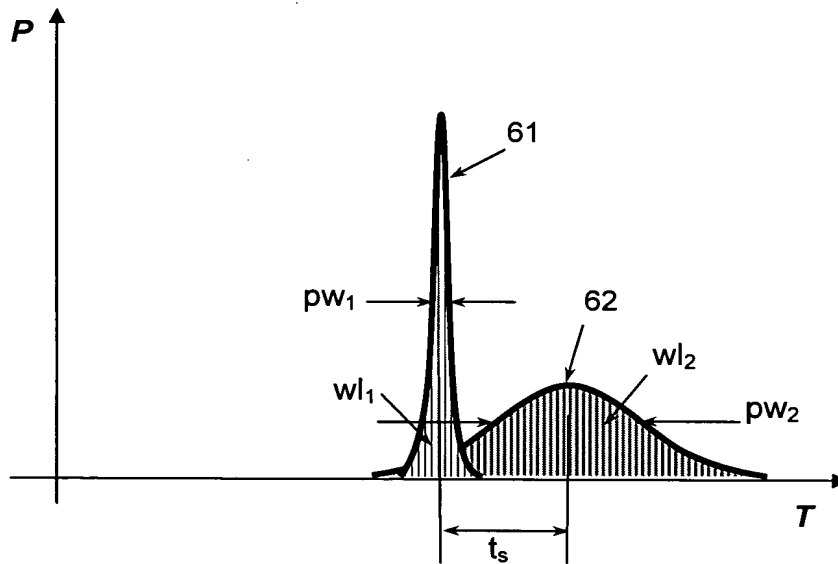
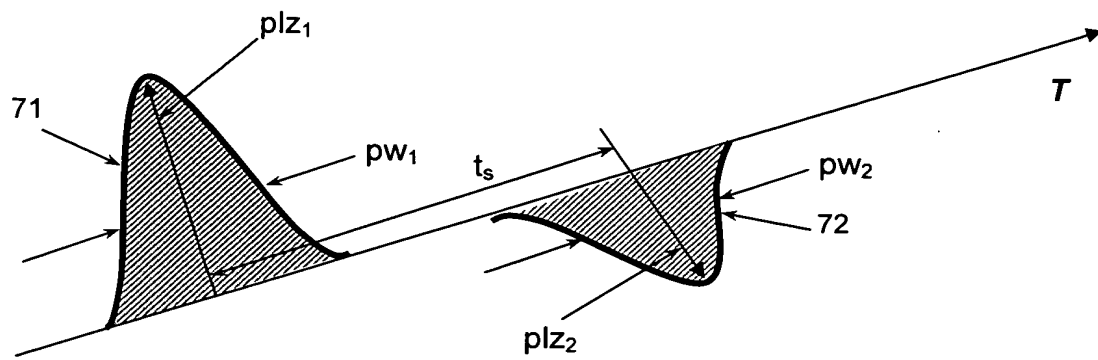
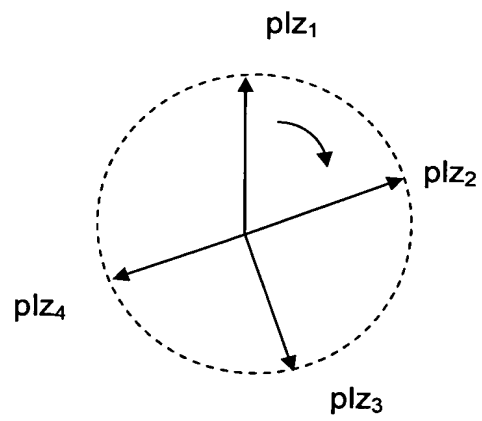
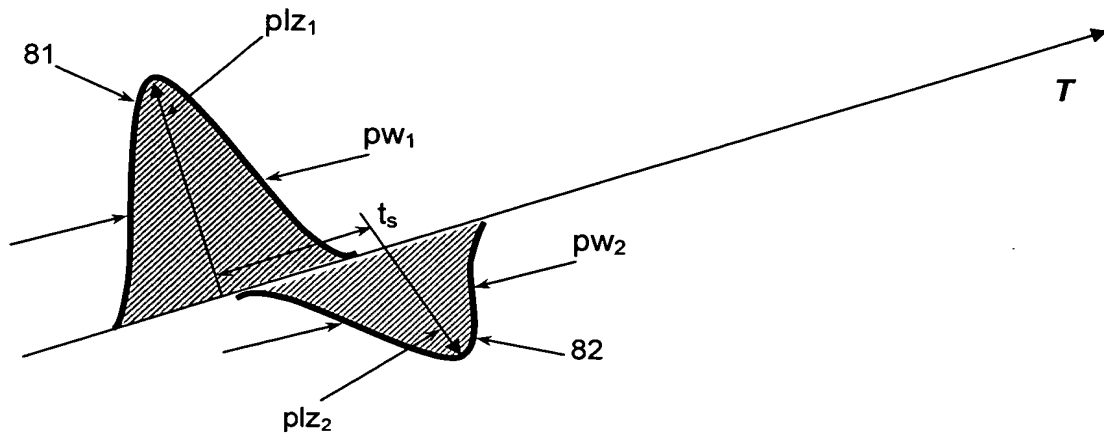
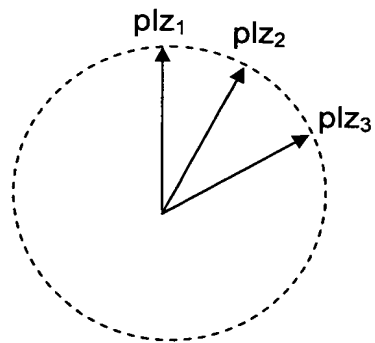


FIG. 5

**FIG. 6A****FIG. 6B**

**FIG. 7A****FIG. 7B**

**FIG. 8A****FIG. 8B**